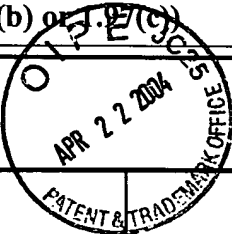


TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
T00001-0466-US

In Re Application Of: PROOS, John A. et al.

Serial No.
10/734,231Filing Date
December 15, 2003Examiner
Not yet assignedGroup Art Unit
2131

Title: METHOD AND APPARATUS FOR PROTECTING NTRU AGAINST A TIMING ATTACK

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
T00001-0466-US

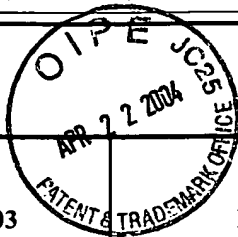
In Re Application: PROOS, John A. et al.

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METHOD AND APPARATUS FOR PROTECTING NTRU AGAINST A TIMING ATTACK

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
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Dated: 10 April 2004

Signature

John R.S. Orange (29,725)
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CC:



ATTORNEY DOCKET NO.: T00001-0466-US
CUSTOMER NUMBER: 000027155

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re patent application of:

PROOS, John A et al.

Serial No.: 10/734,231 Group Art Unit: 2131
Filed: December 15, 2003 Examiner: NOT YET SPECIFIED
Title: **METHOD AND APPARATUS FOR PROTECTING NTRU AGAINST A
TIMING ATTACK**

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

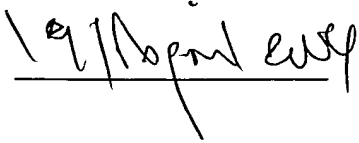
Pursuant to the duty to disclose under 37 CFR §1.56, Applicant submits herewith a Form PTO/SB/08B listing references of which the Applicant is aware and which are brought to the attention of the Examiner. In accordance with 37 CFR §1.98(a)(2), a copy of each document listed in the enclosed Form PTO/SB/08B is submitted herewith.

The filing of this IDS shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material for patentability, or that no other material information exists. This filing shall not be construed as an admission against interest in any matter.

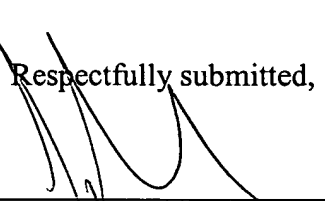
This IDS is submitted pursuant to 37 CFR §1.97(b) and, accordingly, no fee is believed to be due for consideration of the documents submitted herewith.

Applicant respectfully requests consideration of the items listed and requests the Examiner to return a copy of the attached Form PTO/SB/08B after being marked as being considered by the Examiner.

Date:

Handwritten signature in black ink, appearing to read "19/10/2011" followed by a stylized signature.

Respectfully submitted,

Handwritten signature in black ink, appearing to read "John R.S. Orange".
John R.S. Orange
Registration No. 29,725
Agent for Applicant

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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/734,231	
			Filing Date	December 15, 2003	
			First Named Inventor	PROOS	
			Group Art Unit	NOT YET SPECIFIED	
			Examiner Name	NOT YET SPECIFIED	
Sheet	1	of	1	Attorney Docket Number	T00001-0466-US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Consortium for Efficient Embedded Security, EESS #1: Implementation Aspects of NTRUEncrypt and NTRUSign, Version 1, November 2002.	
		HESS, E; JANSSEN, N; MEYER, B; SCHUETZE, T. "Information Leakage Attacks Against Smart Card Implementations of Cryptographic Algorithms and Countermeasures - A Survey", Proceedings of Eurosmart Security Conference, pp. 55-64, Marseilles, 2000, European Smart Card Industry Assoc., 2000.	
		SHAMIR, A. "Protecting Smart Cards from Passive Power Analysis with Detached Power Supplies", in Proceedings of Cryptographic Hardware and Embedded Systems - CHES 2000, pp. 71-77, LNCS Vol. 1965, C.K. Koc et al, Eds., Springer-Verlag, 2000.	
		KOCHER, P.C. "Timing Attacks on Implementations of Diffie-Hellman, RSA, DSS, and Other Systems", in Advances in Cryptology - CRYPTO'96, LNCS Vol. 1109, N. Koblitz, Ed., pp. 104-113, Springer-Verlag, 1996.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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